

Map & Photo Legend









Sheep Island viewed from the south.



Sheep Island viewed from the east.



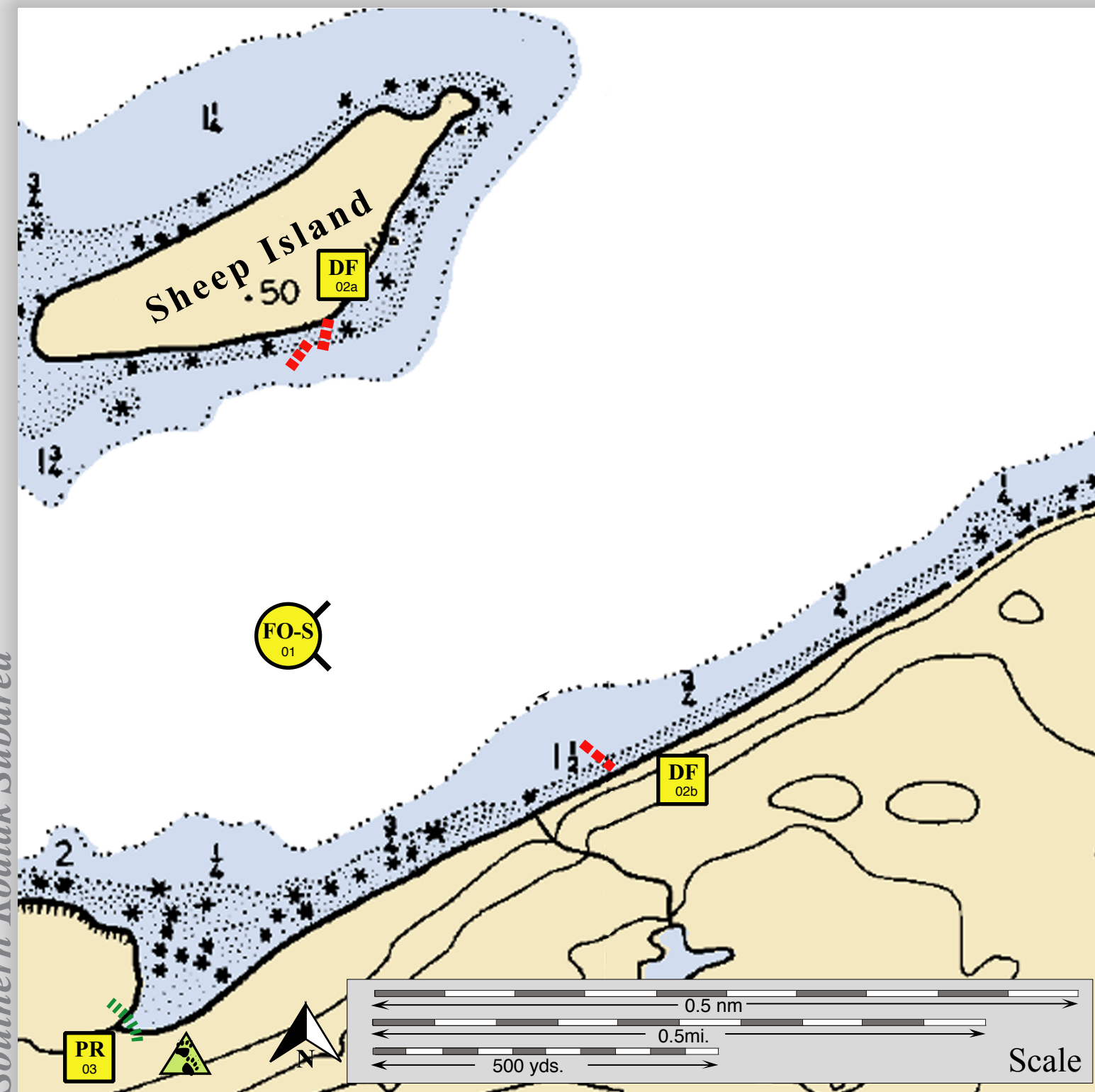
Sheep Island viewed from the southeast.

-  Free-oil Containment and Recovery, Shallow Water
-  Deflection Booming
-  Passive Recovery
-  Protected-water Boom
-  Snare or Sorbent Boom
-  Bears in Area, Guards Recommended

Geographic Response Strategies for Southern Kodiak Subarea




Sheep Island, K-80

Center of map at 57° 12.9' N Lat., 153° 14.5' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
K-80-01 	Sheep Island Nearshore waters in the general area of: Lat. 57°12.90'N Lon. 153°13.65'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Sheep Island depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Sheep Island. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts the sensitive areas in Sheep Island.	Vessel Platform	Via marine waters Chart 16592-1	Same as K-80-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
K-80-02 	Sheep Island a. Lat. 57°12.92' N Lon. 153°14.27'W b. Lat. 57°12.54'N Lon. 153°14.17'W	Deflection Deflect oil away from Sheep Island and the shoreline back into the channel for free-oil recovery.	Deploy boom and anchor system with skiffs (class 6). Position booms at a proper angle to deflect oil back into the channel for collection. Tend throughout the tide. <u>Boom Lengths:</u> a. 600 ft. b. 300 ft.	Deployment Equipment 900 ft. protected-water boom 8 ea. small anchor systems Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew	Vessel platform	Via marine waters Chart 16592-1	Fish- intertidal spawning- salmon (May-Sept.), herring(April-May) Birds-waterfowl concentration, seabird nesting Marine mammals- seals Habitat- marsh, gravel beach Human uses-commercial fishing, recreation, sport fishing, subsistence	Vessel master should have local knowledge. A large population of bears are in the area. A bear guard is required. Site surveyed: 5/22/08. Tested: not yet
K-80-03 	Sitkalidak Island Stream Lat. 57°12.40'N Lon. 153°14.65'W	Passive Recovery Place passive recovery boom across the stream.	Deploy snare line or sorbent boom and anchors with skiffs (class 6) in front of the identified stream. Replace as necessary to maximize the recovery.	Deployment Equipment 150 ft. snare line or sorbent boom 1 ea. small anchor systems 4 ea. anchor stakes Vessels/Personnel/Shift Same as K-80-02 Tending Vessels/Personnel/Shift Same as K-80-02	Vessel platform	Via marine waters Chart 16592-1	Same as K-80-02	Vessel masters should have local knowledge. Use snare line for persistent oils and sorbent boom for non-persistent oils. Tested: not yet